

10/532619

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031



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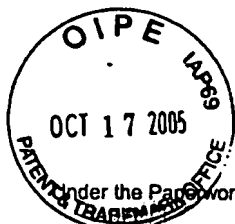
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	To be assigned
	Filing Date	Herewith
	First Named Inventor	Ernest. C. Chen
	Art Unit	To be assigned
	Examiner Name	To be assigned
Sheet 1 of 1	Attorney Docket Number	PD-201014

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>ELB</i>		US-5,970,098	10-19-1999	Herzberg, Hanan	
<i>ELB</i>		US-6,125,148	09-26-2000	Frodigh, Carl Magnus et al.	

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
<i>ELB</i>		EP 0 222 076 A2	08-14-1986	Ketterling, Hans-Peter et al.		

Examiner Signature		Date Considered	
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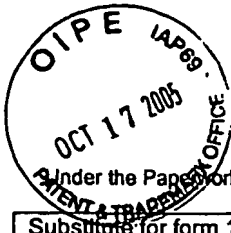
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/532,619
	Filing Date	October 16, 2003
	First Named Inventor	Ernest C. Chen
	Art Unit	2637
	Examiner Name	To be determined
Sheet 1 of 2	Attorney Docket Number	PD-201014

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Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,039,961	08-1977	Ishio et al.	
		US-6,574,235	06-2003	Arslan et al.	
		US-5,999,793	12-1999	Ben-Efraim et al.	
		US-6,297,691	10-2001	Anderson et al.	
		US-5,819,157	10-1998	Ben-Efraim et al.	
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		US-5,121,414	06-1992	Levine et al.	
		US-6,144,708	11-2000	Maruyama, Hidenori	
		US-6,055,278	04-2000	Ho et al.	
		US-6,330,336	12-2001	Kasama, Minoru	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		JANSSEN, GJM; SLIMANE, SB: "Performance of a multiuser detector for M-PSK signals based on successive cancellation", ICC 2001, 2001 IEEE International Conference on Communications, Conference Record, Helsinki, Finland, June 11-14, 2001, XP010552960	
		SLIMANE, SB; JANSSEN, GJM: "Power optimization of M-PSK cochannel signals for a narrowband multiuser detector", 2001 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, Victoria, B.C., Canada, August 26-28, 2001, XP010560334	

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<i>JS</i>		SOONG, ACK; KRZYMIEN, WA: "Performance of a reference symbol assisted multistage successive interference canceling receiver in a multi-cell CDMA wireless system, Conference record, Communication Theory Mini-Conference, GLOBECOM '95, IEEE Singapore November 13-17, 2000, XP010159490	
<i>FB</i>		ARSLAN, H; MOLNAR, K: "Iterative co-channel interference cancellation in narrowband mobile radio systems", Emerging Technologies Symposium: Broadband, Wireless Internet Access, 2000 IEEE, April 10-11, 2000, Piscataway, NJ, USA, XP010538900	

Examiner Signature		Date Considered	<i>6/15/02</i>
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Substitute for form PTO/SB/08B


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Date: March 10, 2006	Application Number	10/532,619
Sheet 1 of 1	Filing Date	April 25, 2005
	First Named Inventor	Ernest C. Chen
	Art Unit	2637
	Examiner Name	PATEL, Jayanti K.
	Attorney Docket Number	PD-201014

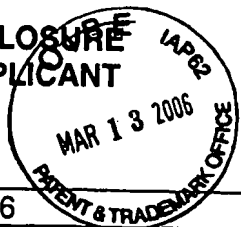
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EB		MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; 1998, John Wiley & Sons, Inc.; pages 212-213 and 217-218; XP002364874	
11		MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; 1998, John Wiley & Sons, Inc.; pages 610-612; XP002364876	
9		MAZZINI, GIANLUCA: "Power Division Multiple Access", Universal Personal Communications, 1998, ICUPC 1998, IEEE 1998, International Conference on Florence, Italy, 5-9 October 1998, New York, NY, US, IEEE, US 5 October 1998 (1998 10-5), pages 543-546, XP010314962 ISBN: 0-7803-5106-1	
11		SALEH, A.A.M. et al.: "Adaptive Linearization of Power Amplifiers in Digital Radio Systems", Bell System Technical Journal, American Telephone and Telegraph Co., New York, US, Vol. 62, No. 4, Part 1, 1 April 1983 (1983-04-01), pages 1019-1033, XP002028354	
		RAMCHANDRAN, KANNAN et al.: "Multiresolution Broadcast for Digital HDTV Using Joint Source/Channel Coding, IEEE, Vol. 11, No. 1, January 1993, pp. 6-22	
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Date: March 10, 2006

Sheet 1 of 3

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Application Number	10/532,619
371(c) Filing Date	April 25, 2005
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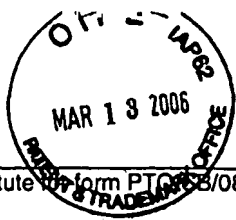
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Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
X H		US-6,731,700	05-2004	Yakhnich et al.	
		US-6,411,797	06-2002	Estinto, Eugene	
		US-2002/0071506	06-2002	Lindquist et al.	
		US-6,032,026	02-2000	Seki et al.	
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Substitute Form PTO 88/08A

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371(c) Filing Date	April 25, 2005
First Named Inventor	Ernest C. Chen
Art Unit	2637
Examiner Name	PATEL, Jayanti K.

Date: March 10, 2006

Sheet 2 of 3

Attorney Docket Number PD-201014

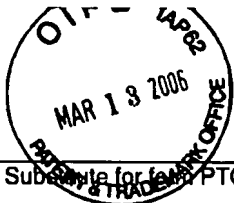
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E/C		US-6,275,678	08-2001	Bethscheider et al.	
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E/C		US-3,878,468	04-1975	Falconer et al.	

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**INFORMATION DISCLOSURE
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Application Number	10/532,619
371(c) Filing Date	April 25, 2005
First Named Inventor	Ernest C. Chen
Art Unit	2637
Examiner Name	PATEL, Jayanti K.

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Sheet 3 of 3

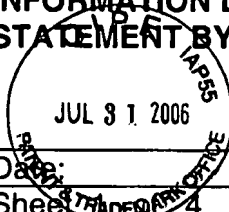
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		EP 0929164	07-1999	Societe Europeene des Satellites		
		WO 02/073817	09-2002	Nokia Corporation		
		EP 0356096	02-1990	Meyers		
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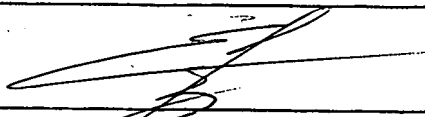
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		Application Number	10/532,619
		Filing Date	04-25-2005
		First Named Inventor	Ernest C. Chen
		Art Unit	2611
		Examiner Name	PATEL, Jayanti K.
Date:	July 18, 2006		
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2/19		US-4,637,017	01-1987	Assal et al.	
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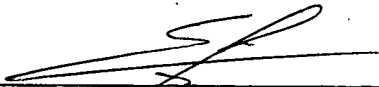
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	LB		US-5,966,048	10-1999	Thompson	

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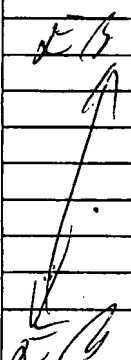
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P.T.		US-5,606,286	02-1997	Bains	
		US-5,221,908	06-1993	Katz et al.	
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P.T.		US-6,128,357	10-2000	Lu et al.	
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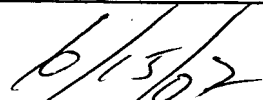
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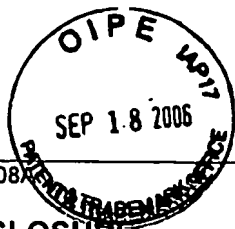
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		FR 2696295	04-1994	Jaspal, Singh Bharj		
		JP 07-038615	02-1995	Yasushi, Sogabe		
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		JP 03139027	06-1991	Nippon Telegraph and Telephone Corporation		

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Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		WOLCOTT, TED J. ET AL.; "Uplink-Noise Limited Satellite Channels"; IEEE 1995; pages 717-721; XP-00580915	
		SESKAR, IVAN ET AL.; "Implementation Aspects for Successive Interface Cancellation in DS/CDMA Systems"; Wireless Networks; 1998; pages 447-452	
		Earth Station Technology; 1986; pages 404-412; XP-002248387	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form PTO/SB/08

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application Number	10/532,619
Filing Date	04-25-2005
First Named Inventor	Ernest C. Chen
Art Unit	2611
Examiner Name	PATEL, Jayanti K.

Date: September 13, 2006

Sheet 1 of 1

Attorney Docket Number PD-201014

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Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>EB</i>		US-6,970,496	11-2005	Ben-Bassat et al.	
<i>"</i>		US-2003/0002471	01-2003	Crawford et al.	
<i>9</i>		US-2006/0056541	03-2006	Chen et al.	
<i>EB</i>		US-5,577,067	11-1996	Zimmerman	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
<i>EB</i>		CHEN, ERNEST et al.; "DVB-S2 Backward-Compatible Modes: A Bridge Between the Present and the Future"; International Journal of Satellite Communications and Networking; Volume 22, Issue 3, pages 341-365; published 2004 by John Wiley & Sons, Ltd.	

Examiner Signature		Date Considered	<i>6/15/07</i>
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Substitute for form PTO/SB/08A		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/532,619
		Filing Date	April 25, 2005
		First Named Inventor	Ernest C. Chen
		Art Unit	2611
		Examiner Name	PATEL, Jayanti K.
Date:	October 18, 2006		
Sheet 1 of 1	Attorney Docket Number	PD-201014	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EB	1	US-2002/006795	01-2002	Norin et al.	
1	2	US-6,333,924	12-2001	Porcelli et al.	
9	3	US-2001/012322	08-2001	Nagaoka et al.	

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
EB	4	WO 2005/086444	09-2005	Thomson Licensing S.A.		
ol	5	WO 2005/074171	08-2005	Qualcomm Incorporated		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
EB	6	THE AUTHORITATIVE DICTIONARY OF IEEE STANDARDS TERMS; Seventh Edition, pp. 1047 – definition of "signal"	

Examiner Signature		Date Considered	6/6/07
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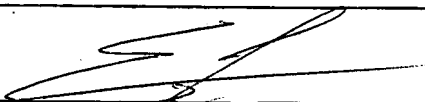
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Substitute for form PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Complete if Known		
	Application Number	10/532,619	
	Filing Date	April 25, 2005	
	First Named Inventor	Ernest C. Chen	
	Art Unit	2611	
Date:	December 4, 2006	Examiner Name	PATEL, Jayanti K.
Sheet 1 of 1	Attorney Docket Number	PD-201014	

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Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
E/C		US-6,369,648	04-2002	Kirkman, George F.	
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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature		Date Considered	6/5/07
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FEB 22 2007

Substitute for form 1448/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/532,819
		Filing Date	April 25, 2005
		First Named Inventor	Ernest Chen
		Art Unit	2611
		Examiner Name	PATEL, Jayanti K.
Date:	February 22, 2007		
Sheet 1 of 1		Attorney Docket Number	201014

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Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	2	US-7,161,931	01-2007	Li et al.	
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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature		Date Considered	6/13/07
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